Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

COMPLETE IF KNOWN

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 4

COMPL	ETE IF KNOWN
Application Number	09/886,829
Confirmation Number	8075
Filing Date	June 21, 2001
First Named Inventor	John Joseph Curro et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	8595

U. S. PATENT DOCUMENTS

EXAMINER NITIALS*	Cite No.1		Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines Where Relevant Passages or Relevant	
		Number - Kind Code	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Figures Appear
CMS		US-2,257,428	09/30/1941	Ruegenberg	1	
01		US-2,679,887	06/01/1954	Doyle et al.		
		US-2,862,251	12/02/1958	Kalwaites		
		US-2,896,692	07/28/1959	Villoresi		
		US-3,081,500	03/19/1963	Griswold et al.		
		US-3,081,512	03/19/1963	Griswold	0	
		US-3,354,022	11/21/1967	Dettre et al.	3 20	
		US-3,485,706	12/23/1969	Evans	5 3000	
	1	US-3,542,634	11/24/1970	Such et al.		
		US-3,574,109	04/06/1971	Yoshikawa		
		US-3,597,299	08/03/1971	Thomas et al.		
		US-3,681,182	08/01/1972	Kalwaites		
		US-3,681,183	08/01/1972	Kalwaites	CEIVED	
		US-3,695,967	10/03/1972	Ross	LOTIVED	
		US-3,695,985	10/03/1972	Brock et al.	FD 20 202	
		US-3,728,203	04/17/1973	Taylor	- 2 3 ZUU4	
		US-3,800,364	04/02/1974	Kalwaites T	h 1	
		US-3,855,046	12/17/1974	Hansen et al.	P 1700	
	<u> </u>	US-3,860,003	01/14/1975	Buell		
		US-3,881,987	05/06/1975	Benz		
	1	US-3,927,673	12/23/1975	Taylor		
		US-3,929,135	12/30/1975	Thompson		
-		US-3,949,127	04/06/1976	Ostermeier et al.	·	
		US-3,953,638	04/27/1976	Kemp		
		US-4,062,993	12/13/1977	Seward		
		US-4,101,625	07/18/1978	Haley		
		US-4,116,892	09/26/1978	Schwarz		
		US-4,135,021	01/16/1979	Patchell et al.		
		US-4,153,664	05/08/1979	Sabee		
	1	US-4,207,367	06/10/1980	Baker, Jr.		
		US-4,223,059	09/16/1980	Schwarz		
	1	US-4,276,336	06/30/1981	Sabee		
		US-4,285,100	08/25/1981	Schwarz		
		US-4,333,979	06/08/1982	Sciaraffa et al.		
		US-4,342,314	08/03/1982	Radel et al.		
		US-4,349,020	09/14/1982	Krikorian		
		US-4,355,066	10/19/1982	Newman	 	
		US-4,404,052	09/13/1983	Persson et al.		
		US-4,414,970	11/15/1983	Berry	 	
		US-4,418,123	11/29/1983	Bunnelle et al.		
		US-4,421,812	12/20/1983	Plant		
		US-4,522,863	06/11/1985	Keck et al.		
		US-4,525,407	06/25/1985	Ness	1	
		US-4,573,991	03/04/1986	Pieniak et al.		
		US-4,588,630	05/13/1986	Shimalla	 	
		US-4,600,620	07/15/1986	Lloyd et al.	 	
A		US-4,603,069	07/29/1986	Haq et al.	 	
265		US-4,606,964	08/19/1986	Wideman	 	

Approved for use through 10/31/2002 OMB 0651-0031 Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number Substitute for form 1449A/PTO

ENFORMATION DISCLOSURE STATEMENT BY APPLICANT OCT 2 7 2003 (use as many sheets as necessary)

COMPL	ETE IF KNOWN
Application Number	09/886,829
Confirmation Number	8075
Filing Date	June 21, 2001
First Named Inventor	John Joseph Curro et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	8595. DE-

U. S. PATENT DOCUMENTS (cont.)

				SEP 2 9 2004
000	US-4,609,518	09/02/1986	Curro et al.	1 TO /
01	US-4,629,643	12/16/1986	Curro et al.	10 1700 /
	US-4,657,802	04/14/1987	Morman	
	US-4,695,278	09/22/1987	Lawson	
	US-4,720,415	01/19/1988	Vander Wielen et al.	12/2
	US-4,741,944	05/03/1988	Jackson et al.	1 0
	US-4,758,297	07/19/1988	Calligarich	20
	US-4,797,310	01/10/1989	Barby et al.	2004
	US-4,801,482	01/31/1989	Goggans et al.	
	US-4,808,178	02/28/1989	Aziz et al.	
	US-4,816,025	03/28/1989	Foreman	
	US-4,840,829	06/20/1989	Suzuki et al.	
:	US-4,847,134	07/11/1989	Fahrenkrug et al.	
	US-4,891,258	01/02/1990	Fahrenkrug	
	US-5,116,662	05/26/1992	Morman	
	US-5,143,679	09/01/1992	Weber et al.	
- 		09/01/1992	Buell et al.	
	US-5,151,092		ويورون والمناف المناف المناف المناف المناف والمناف وال	
	US-5,156,793	10/20/1992	Buell et al.	
	US-5,167,897	12/01/1992	Weber et al.	
	US-5,204,158	04/20/1993	Phillips et al.	
	US-5,260,345	11/091/993	DesMarais et al.	
	US-5,268,224	12/071/993	DesMarais et al.	
_	US-5,320,891	06/14/1994	Levy et al.	
	US-5,338,766	08/16/1994	Phan et al.	
	US-5,376,198	12/27/1994	Fahrenkrug et al.	
	US-5,431,991	07/11/1995	Quantrille et al.	
	US-5,451,219	09/19/1995	Suzuki et al.	
	US-5,518,801	05/21/1996	Chappell et al.	/-
	US-5,536,555	07/16/1996	Zelazoski et al.	
	US-5,567,501	10/22/1996	Srinivasan et al.	
	US-5,587,225	12/24/1996	Griesbach et al.	
	US-5,595,567	01/21/1997	King et al.	7
	US-5,620,779	04/15/1997	Levy et al.	
•	US-5,623,888	04/29/1997	Zafiroglu	7
:	US-5,626,571	05/06/1997	Young et al.	7
	US-5,628,097	05/13/1997	Benson et al.	
	US-5,635,290	06/03/1997	Stopper et al.	
	US-5,658,639	08/19/1997	Curro et al.	
	US-5,662,634	09/02/1997	Yamamoto et al.	
	US-5,681,302	10/28/1997	Melbye et al.	
	US-5,683,374	11/04/1997	Yamamoto et al.	<u> </u>
	US-5,683,794	11/04/1997	Wadsworth et al.	
	US-5,691,035	11/25/1997	Chappell et al.	
	US-5,714,107	02/03/1998	Levý et al.	
	US-5,733,822	03/31/1998	Gessner et al.	
	US-5,804,021			
		09/08/1998	Abuto et al.	
. 	US-5,830,555	11/03/1998	Srinivasan et al.	
- 1	US-5,846,232	12/08/1998	Serbiak et al.	
A .	US-5,851,935	12/22/1998	Srinivasan et al.	
00	US-5,853,881	12/29/1998	Estey et al.	

Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE
RTATEMENT BY ADDITIONT

(use as many sheets as necessary)

Substitute for form 1449A/PTO

CT 2 7 2003

LETE IF KNOWN
ETE IF KNOWN
09/886,829
8075
June 21, 2001
John Joseph Curro et al.
1771
8595

U. S. PATENT DOCUMENTS (cont.)

Oth	US-5,891,544	04/06/1999	Chappell et al.	110
7.3	US-5,906,879	05/25/1999	Huntoon et al.	"" 0
	US-5,916,661	06/29/1999	Benson et al.	< 2004
	US-5,919,411	07/06/1999	Rezai et al.	-04
	US-6,015,605	01/18/2000	Tsujiyama et al.	. /
	US-6,022,607	02/08/2000	James et al.	
· · · · · · · · · · · · · · · · · · ·	US-6,025,050	02/15/2000	Srinivasan et al.	DECEMBE
	US-6,027,593	02/22/2000	Lunt et al.	RECEIVED
	US-6,054,202	04/25/2000	Takeuchi et al.	·
	US-6,057,024	05/02/2000	Mleziva et al.	SEP/2 9 2004
	US-6,086,984	07/11/2000	DiMaggio, Jr. et al.	
	US-6,106,925	08/22/2000	Palumbo	TC 1700
900	US-6,203,654 B1	03/20/2001	- McFall et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER NITIALS*	Cite No.	FOREIGN PATENT DO Country Code ³ Number ⁴	CUMENT Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
am		EP 0 112 654 A2		07/04/1984	Haq et al.		
010		EP 0 127 483 B1		10/11/1989	Pedro	/	
		EP 0 164 740 B1		04/04/1990	Shimalla		
		EP 0 432 755 B1		05/17/1995	Morman		
		EP 0 432 763 B1		08/09/1995	Morman		
		EP 0 452 727 B1		03/13/1996	Strack et al.	7	
		EP 0 677 284 B1		06/09/1999	Kielpikowski		
		EP 0 685 586 A2		12/06/1995	Coslett et al.		
		EP 0 687 757 A2		12/20/1995	Srinivasen et al.		
		EP 0 713 546 B1		03/26/1997	Gessner et al.	7	
		EP 0 758 543 A1		02/19/1997	Fujioka et al.		
		EP 0 823 878 B1		08/09/2000	Stopper	7	
		EP 0 919 212 A2		06/02/1999	Hisanaka et al.		
		EP 0 945 251 A1		09/29/1999	Tanaka et al.		
		EP 0 945 536 A2		09/29/1999	Takeuchi et al.		
		EP 0 955 159 A1		11/10/1999	Flohr et al.	/	
		WO 94/19179 A1	· · · · · · · · · · · · · · · · · · ·	09/01/1994	Wadsworth et al.		
	1	WO 96/10979 A1		04/18/1996	Palumbo	7	
	<u> </u>	WO 97/11662 A1		04/03/1997	Benson et al.	 	
	1	WO 97/47264 A1		12/18/1997	Lodge		
		WO 99/37476 A1	 	07/29/1999	Nissing		
		WO 99/55273 A1		11/04/1999	Busam et al.		
		WO 99/55532 A1		11/04/1999	Busam et al.	7	
	T T	WO 00/76430 A1		12/21/2000	Goyarts	1 / .	
V		WO 01/45616 A1		06/28/2001	Curro et al.		
Tho		JP 08299385 A		11/19/1996	Shin-Oji Paper Co. Ltd.	1-1	

Approved for use inrough . וניטור ביאום ב

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

8595

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number **COMPLETE IF KNOWN** Substitute for form 1449A/PTO **Application Number** 09/886,829 Confirmation Number 8075 INFORMATION DISCLOSURE June 21, 2001 OSTATEMENT BY APPLICANT Filing Date First Named Inventor John Joseph Curro et al. (the as many sheets as necessary) OCT 2 7 2003 1771 **Group Art Unit Examiner Name**

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Attorney Docket Number

EXAMINER INITIALS'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
		DATE CONSIDERED				
EXAMINE		tema Jush Blow 11/24/04				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 2See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 3Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

MAR 0 2 2004

RECEIVED SEP 2 9 2004 TC 1700